GOVERNMENT OF INDIA
SCIENCE AND TECHNOLOGY
LOK SABHA

UNSTARRED QUESTION NO:7170
ANSWERED ON:14.05.2002
FUEL FROM VEGETABLE OIL FOR ENGINES
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Will the Minister of SCIENCE AND TECHNOLOGY be pleased to state:

(a) whether the scientists from the Institute of Engineering and Management,Kolkata have produced fuel from vegetable oil;

(b) if so, whether this fuel can be produced at cheaper price and can be used in diesel engines without any lubricants;

(c) if so, whether these scientists have applied for patent and requested the Science and Technology Department to supply the fuel through cooperative societies to be separately constituted for the purpose;

(d) if so, whether the Government have examined the same; and

(e) if so, the reaction of the Government thereto?

Answer

MINISTER OF STATE FOR SCIENCE AND TECHNOLOGY (SHRI BACHI SINGH RAWAT)

(a) to (e): The Institute of Engineering and Management, Kolkata has not approached the Department of Science & Technology, Government of India for any support including filing of patent regarding fuel from vegetable oil. Many institutions in the country have conducted studies using vegetable oils, particularly non-edible oils, as fuel in diesel engines. These alternate fuels, also known as bio-diesels, are reported to be a potential source of energy. However, the long-term performance of engines using these fuels is yet to be ascertained.